



PubMed

Nucleotide

Protein

Genome

Structure

PopSet

Taxonomy

OMIM

Search for

Limits

Preview/Index

History

Clipboard

Details

Display

as

☐ 1: X98075. Hepatitis B virus...[gi:1914710]

Related Sequences, Protein, PubMed, Taxonomy

LOCUS HBVDEFVP2 3297 bp DNA circular VRL 21-JUL-1997
 DEFINITION Hepatitis B virus complete genome with insertion in core promoter, 198bp insertion in X-ORF.
 ACCESSION X98075
 VERSION X98075.1 GI:1914710
 KEYWORDS complete genome; core protein; polymerase; PreS1 gene; S-protein.
 SOURCE Hepatitis B virus.
 ORGANISM Hepatitis B virus
 Viruses; Retrooid viruses; Hepadnaviridae; Orthohepadnavirus.
 REFERENCE 1 (bases 1 to 3297)
 AUTHORS Pult,I., Chouard,T., Wieland,S., Klemenz,R., Yaniv,M. and Blum,H.E.
 TITLE A hepatitis B virus mutant with a new hepatocyte nuclear factor 1 binding site emerging in transplant-transmitted fulminant hepatitis B
 JOURNAL Hepatology 25 (6), 1507-1515 (1997)
 MEDLINE 97329263
 REFERENCE 2 (bases 1 to 3297)
 AUTHORS Pult,I.
 TITLE Direct Submission
 JOURNAL Submitted (16-MAY-1996) I. Pult, Department of Pathology, Laboratory of Molecular Medicine, G Lab 14, Schmelzbergstrasse 12, CH-8091 Zurich, SWITZERLAND
 COMMENT Related sequences: D00329, D00330 and D00331.

FEATURES

source

Location/Qualifiers

1..3297

/organism="Hepatitis B virus"

/strain="subtype adw"

/db_xref="taxon:10407"

/note="complete genome; defective viral particle"

155..835

/codon_start=1

/product="S-protein"

/protein_id="CAA66686.1"

/db_xref="GI:1914711"

/db_xref="SPTREMBL:O12403"

/translation="MESIASGLPGPLLVLQAGFFLLTKILTIPQSLDSWWTSLNFLGG

TPVCLGQNSQSQISSHSPTCCPPICPGYRWMCLRRFIIIFLCILLCLIFLLVLLDYQG

MLPVCPLIPGSSTTSTGPCKTCTAPAQGTSMFPSCCCTKPTDGNCTCIPIPSSWAFAK

YLWEWASVRFSWLSLLVPFVQWFVGLSPTVWLSVIWMMWFWGPSLYNILSPFIPLLPI

FFCLWVYI"

gene

1374..1787

/gene="X-ORF"

CDS

1374..1787

/gene="X-ORF"

/note="198 bp insertion"

/codon_start=1

/protein_id="CAA66687.1"

/db_xref="GI:1914712"

http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=... 10/22/2001

Applicants: Chong-Jin Oon, et al.
 U.S. Serial No.: 09/362,394
 Filed: July 28, 1999
 (Exhibit 9)

```

/db_xref="SPTREMBL:O12409"
/translation="MAARLCCQLDPARDVLCLRPVGAESRGRPLPGPLGALPPASPPV
VPTDHGAHLSLRLPVCAFSSAGPCALRFTSARRMETTVNAHRNLPKVLHKRTLGLST
MSTTDLEAYFKDCVFTEWEELGEEVRLKVFVLVNH"
misc_binding 1776..1786
/gene="X-ORF"
/note="insertion in the core promoter"
/bound_moiety="hepatocyte nuclear factor 1"
CDS 2110..2655
/codon_start=1
/product="core protein"
/protein_id="CAA66688.1"
/db_xref="GI:1914713"
/db_xref="SPTREMBL:O09512"
/translation="MDIDTYKEFGASVELLSFLPSDFFPSIRDPLDTATALHREALES
PEHCSPHHTALRQAIVCWGELMNLATWVGSNLEDPASRELVVSYVNVNMGLKIRQLLW
FHISCLTFGRETVLEYLVSFVWIRTTPPAYRPPNAPILSTLPETTVVRRRGRSPRRRT
PSPRRRRSQSPRRRRSQSRES"
CDS 2516..3160
/codon_start=1
/product="polymerase"
/protein_id="CAA66689.1"
/db_xref="GI:1914714"
/db_xref="SPTREMBL:O09513"
/translation="MPLSYQHFRKLLLLDEEAGPLEEELPRLAEEGLNRRVAEDNLG
NLNVSIPWTHKVGNTGLYSSTVPCFNPKWQTPSPFDIHLQEDIVDRCKQFVGPLTVN
ENRRLKLIMPARFYPNVTKYLPDLKGIKPYYPEYVVDHYFQTRHYLHTLWKAGILYKR
ESTRSASFCGSPYSWEQDLQHTSKRHGDESFCPQSLGFFPDHQLDPAFKANS LG"
gene 3072..3266
/gene="preS1"
CDS 3072..3266
/gene="preS1"
/note="18 bp and 108 bp deletion"
/codon_start=1
/protein_id="CAA66690.1"
/db_xref="GI:1945151"
/db_xref="SPTREMBL:O09514"
/translation="MGTNLSVPNPWDSSPIISWTLHSKPTRWGRALRLRAYSQLCQQL
LLLPPPIGSQEGSLLPYLHL"

```

BASE COUNT 758 a 859 c 751 g 929 t
ORIGIN

```

1 ttccaccact ttccaccaa ctcttcaaga tcccagagtc agggccctgt accttcctgc
61 tgggtggctcc agttcaggaa cagtgcagccc tgctcagaat actgtctctg ccatatcgtc
121 aatcttatcg aagactgggg accctgtgcc gaacatggag agcatcgcat caggactccc
181 aggaccctg ctcgtgttac aggcgggggt tttctgttg acaaaaatcc tcacaatacc
241 acagagtcta gactcgtggt ggacttctct caattttcta gggggaacac ccgtgtgtct
301 tggccaaaat tcgcagtcac aaatctccag tcaactacca acctgttggt ctccaatttg
361 tcctgggttat cgctggatgt gtctgcggcg ttttatcatc ttcctctgca tcctgctgct
421 atgcctcatc ttctgtgttg ttcttctgga ctatcaaggt atgttgcccg tttgtcctct
481 aattccagga tcatcaacca ccagcacggg accatgcaag acctgcacag ctctgctca
541 aggaacctct atgtttccct catgttgctg taaaaaacct acggacggaa actgcacctg
601 tattcccatc ccatcatctt gggctttcgc aaaataccta tgggagtggg cctcagtcg
661 tttctcttgg ctcagtttac tagtgccatt tgttcagtg ttcgtagggc ttccccac
721 tgtctggctt tcagttatat ggatgatgtg gttttggggg ccaagtctgt acaacatctt
781 gagtcccttt ataccgctgt taccgaattt cttttgtctt tgggtataca tttaaaccct
841 cacaaaacaa aaagatgggg atattccctt aacttcatgg gatatgtaat tgggagtgg
901 ggcacattgc cacaggaaca tattgtacaa aaaatcaaaa tgtgttttag gaaacttcct
961 gtaaacaggc ctattgattg gaaagtatgt caacgaattg tgggtctttt ggggtttgcc
1021 gcccttttca cgcaatgtgg atatcctgct ttaatgcctt tatatgcatg tatacaagca
1081 aaacaggctt ttactttctc gccaaacttac aaggcctttc taagtaaaca gtatctgaac

```

1141 ctttaccgccg ttgctcggca acggcctgggt ctgtgccaaag tgtttgctga cgcaaccccc
1201 actggttggg gcttggccat aggccatcag cgcattgcgtg gaacctttgt gtctcctctg
1261 ccgatccata ctgcggaact cctagccgtt tgttttgctc gcagcaggtc tggggcaaaa
1321 ctcatcggga ctgacaattc tgtcgtgctc tcccgcaagt atacatcatt tccatggctg
1381 ctaggctgtg ctgccaaact gatcctgcgc gggacgtcct tgttttacgt cccgtcggcg
1441 ctgaatccc cggacgaccc ctcccggggc cgcttggggc tctaccgccc gcttctccgc
1501 ctgttgtagc gaccgaccac ggggcgcacc tctctttacg cggactcccc gtctgtgctt
1561 tctcatctgc cggaccgtgt gcacttcgtt tcacctctgc acgtcgcatt gaaaccaccg
1621 tgaacgcccc caggaacctg cccaagggtt tgcataagag aactccttga ctttcaacaa
1681 tgtcaacgac cgaccttgag gcatacttca aagactgtgt gtttactgag tgggaggagt
1741 tgggggagga ggttaggtta aaggcttttg tactagttaa tcattaggag gctgtaggac
1801 gtgcattgga aaccaccgtg aacgcccaca ggaacctgcc caaggctctg cataagagaa
1861 ctcttggaact ttcaacaatg tcaacgaccg accttgaggc atacttcaaa gactgtgtgt
1921 ttactgagtg ggaggagtgt ggggaggagg ttaggttaaa ggtctttgta ctagttaatc
1981 attaggaggc tgtaggcata aattgggtgt ttcaccagca ccatgcaact ttttcacctc
2041 tgcctaatac tctcttggtc atgtcctact gttcaagcct ccaagctgtg ccttgggttg
2101 ctttggggca tggacattga cacgtataaa gaatttggag cttctgtgga gttactctct
2161 tttttgcctt ctgacttctt tcttctctat cgggatcccc tcgacaccgc cactgctctg
2221 catcgggagg ccttagagtc tccggaacat tgttcacctc accatacggc actcaggcaa
2281 gctatttgtt gttgggggtg gttgatgaat ctagccacct ggggtgggaag taatttggaa
2341 gatccagcat ccagggaatt agtagtcagc tatgtcaacg ttaatatggg cctaaaaatc
2401 agacaactat tgtggtttca catttctgtt cttacgtttg ggagagaaac tgttcttgaa
2461 tatttgggtg cctttggagt gtggattcgc actcctctct catacagacc accaaatgcc
2521 cctatcttat caacacttcc ggaaactact gttgttagac gaagaggcag gtcccctaga
2581 agaagaactc cctcgcctcg cagaagaagg tctcaatcgc cgcgtcgcag aagatctcaa
2641 tctcgggaat cttaattgta gtattccttg gacacataag gtgggaaact ttacggggct
2701 ttattcttct acggtacctt gctttaatcc taaatggcaa actccttctt ttctgacat
2761 tcatttgcag gaggacattg ttgatagatg taagcaattt gtggggcccc ttacagtaaa
2821 tgaaaacagg agactaaaat taattatgcc tgctagggtt tatcccaatg ttactaaata
2881 tttgccctta gataaaggga tcaaaccgta ttatccagag tatgtagtgt atcattactt
2941 ccagacgcga cattattttac aactcttttg gaaagcgggg atcttatata aaagagagtc
3001 cacacgtagc gcctcatttt gcgggtcacc atattcttgg gaacaagatc tacagcatac
3061 ctgaaaagg catggggacg aatctttctg tccccaatcc ctgggattct tccccgatca
3121 tcagttggac cctgcattca aagccaactc gttggggtag agccctcagg ctcagggcct
3181 actcacaact gtgccagcag ctctcctccc tgcctccacc aatcggcagt caggaaggca
3241 gcctactccc ttatctccac ctctaagaga cactcatcca caggccatgc agtgga

//

[Restrictions on Use](#) | [Write to the HelpDesk](#)
[NCBI](#) | [NLM](#) | [NIH](#)

sparc-sun-solaris2.8 Oct 11 2001 11:23:25